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- 1 [Towards automated performance diagnosis in a large IPTV network](#)
 Ajay Anil Mahimkar, Zihui Ge, Aman Shaikh, Jia Wang, Jennifer Yates, Yin ...
 August 2009 **SIGCOMM '09: Proceedings of the ACM SIGCOMM 2009 conf**

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IPTV is increasingly being deployed and offered as a commercial service with traditional ISP networks, an IPTV distribution network (i) typically ; structure, (ii) ...

Keywords: IPTV, network diagnosis

Also published in:

August 2009 **SIGCOMM Computer Communication Review** Volume 39 Issue

- 2 [Adapting to source properties in processing data integration queries](#)
 Zachary G. Ives, Alon Y. Halevy, Daniel S. Weld
 June 2004 **SIGMOD '04: Proceedings of the 2004 ACM SIGMOD interna**

Publisher: ACM [Request Permissions](#)Full text available: [Pdf](#) (197.27 KB)Additional Information: [full citation](#), [ab](#)**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 53, Downloa**ADVANCED SEARCH** [Advanced Search](#)**FEEDBACK**
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- 3 [Tiny-sync: Tight time synchronization for wireless sensor networks](#)
 Suyoung Yoon, Chanchai Veerarittiphan, Mihail L. Sichitiu
 June 2007 **Transactions on Sensor Networks (TOSN)** , Volume 3 Issue

Publisher: ACM [Request Permissions](#)Full text available: [Pdf](#) (514.95 KB)Additional Information: [full citation](#), [ab](#)**Bibliometrics:** Downloads (6 Weeks): 21, Downloads (12 Months): 226, Downl

Time synchronization is a fundamental middleware service for any distri extensive use of synchronized time in many contexts (e.g., data fusion, etc.). We propose a ...

Keywords: Sensor networks, time synchronization

4

[Adaptive pull-based policies for wide area data delivery](#)

-  Laura Bright, Avigdor Gal, Louisa Raschid
June 2006 **Transactions on Database Systems (TODS)** , Volume 31 Issue 1
Publisher: ACM  [Request Permissions](#)
Full text available:  [Pdf](#) (680.22 KB) Additional Information: [full citation](#), [abstract](#)
Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 88, Downloads (24 Months): 112

Wide area data delivery requires timely propagation of up-to-date information across a network. Applications include web caching, RSS source monitoring, and many others that vary widely in ...

Keywords: Pull-based, caching, data delivery, update models

- 5  [ACM SIGMOBILE Mobile Computing and Communications Review](#)
October 2005 SIGMOBILE Mobile Computing and Communications Review
Publisher: ACM
Additional Information: [full citation](#), [index terms](#)
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (24 Months): n/a

- 6  [CarTel: a distributed mobile sensor computing system](#)
Bret Hull, Vladimir Bychkovsky, Yang Zhang, Kevin Chen, Michel Goraczko, Samuel Madden
October 2006 **SenSys '06: Proceedings of the 4th international conference on Sensor networks and information processing**
Publisher: ACM  [Request Permissions](#)
Full text available:  [Pdf](#) (2.04 MB) Additional Information: [full citation](#), [abstract](#)
Bibliometrics: Downloads (6 Weeks): 38, Downloads (12 Months): 317, Downloads (24 Months): 412

CarTel is a mobile sensor computing system designed to collect, process, and disseminate data located on mobile units such as automobiles. A CarTel node is a mobile unit that can communicate with other nodes. Each node gathers ...

Keywords: data management, data visualization, implementation, information processing, sensor networks

- 7  [Active database systems](#)
Norman W. Paton, Oscar Diaz
March 1999 **Computing Surveys (CSUR)** , Volume 31 Issue 1
Publisher: ACM  [Request Permissions](#)
Full text available:  [Pdf](#) (2.68 MB) Additional Information: [full citation](#), [abstract](#)
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Active database systems support mechanisms that enable them to respond to requests either inside or outside the database system itself. Considerable effort has been spent in understanding of such systems ...

Keywords: active databases, events, object-oriented databases, relational databases

- 8  [Combining keyword search and forms for ad hoc querying of databases](#)
Eric Chu, Akanksha Baid, Xiaoyong Chai, Anhui Doan, Jeffrey Naughton
June 2009 **SIGMOD '09: Proceedings of the 35th SIGMOD international conference on Management of data**
Publisher: ACM  [Request Permissions](#)
Full text available:  [Pdf](#) (1.08 MB) Additional Information: [full citation](#), [abstract](#)
Bibliometrics: Downloads (6 Weeks): 74, Downloads (12 Months): 469, Downloads (24 Months): 512

A common criticism of database systems is that they are hard to query language. To address this problem, form-based interfaces and keyword benefits, both also have ...

Keywords: keyword search, query forms, relational databases

9 [A survey of autonomic computing—degrees, models, and application](#)

 [Markus C. Huebscher, Julie A. McCann](#)

August 2008 **Computing Surveys (CSUR)** , Volume 40 Issue 3

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (217.77 KB)

Additional Information: [full citation](#), [ab](#)

Bibliometrics: Downloads (6 Weeks): 164, Downloads (12 Months): 1640, Dov

Autonomic Computing is a concept that brings together many fields of c computing systems that self-manage. In its early days it was criticised : Multi Agent ...

Keywords: Autonomic computing, self-adaptive, self-healing systems

10 [A framework for constructing features and models for intrusion detec](#)

 [Wenke Lee, Salvatore J. Stolfo](#)

November 2000 **Transactions on Information and System Security (TI**

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (187.03 KB)

Additional Information: [full citation](#), [ab](#)

Bibliometrics: Downloads (6 Weeks): 55, Downloads (12 Months): 563, Downl

Intrusion detection (ID) is an important component of infrastructure pro systems (IDSs) need to be accurate, adaptive, and extensible. Given th network environments, ...

Keywords: data mining, feature construction, intrusion detection

11 [Communications of the ACM: Volume 51 Issue 9](#)

 September 2008 Communications of the ACM

Publisher: ACM

Full text available:  Digital Edition ,  Pdf (8.68 MB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 266, Downloads (12 Months): 1753, Dov

12 [Communications of the ACM: Volume 51 Issue 11](#)

 November 2008 Communications of the ACM

Publisher: ACM

Full text available:  Digital Edition ,  Pdf (8.26 MB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 297, Downloads (12 Months): 1722, Dov

13 [Dynamic data fusion for future sensor networks](#)

 [Umakishore Ramachandran, Rajnish Kumar, Matthew Wolenetz, Brian Coor](#)
[Arnab Paul](#)

August 2006 **Transactions on Sensor Networks (TOSN)** , Volume 2 Issue :

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (2.44 MB)

Additional Information: [full citation](#), [ab](#)

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 235, Downl

DFuse is an architectural framework for dynamic application-specified d...
important abstraction gap for developing advanced fusion applications t...
applications and sensor ...

Keywords: Sensor network, data fusion, energy awareness, in-network assignment

14 [PIANO: a power saving strategy for cellular/VoWLAN dual-mode](#)

[Shiao-Li Tsao, E-Cheng Cheng](#)

October 2008 **Wireless Networks**, Volume 14 Issue 5

Publisher: Kluwer Academic Publishers

Full text available:  [Pdf](#) (1.51 MB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 88, Download

The integration of cellular and VoIP over WLAN (VoWLAN) systems rece...
both academia and industry. A cellular/VoWLAN dual-mode system enal...
WLAN hotspot and switch ...

Keywords: VoIP over WLAN, Voice over IP (VoIP), cellular-WLAN interv...
technology

15 [Enhancing the security of corporate Wi-Fi networks using DAIR](#)

 [Paramvir Bahi, Ranveer Chandra, Jitendra Padhye, Lenin Ravindranath, Ma](#)
June 2006 **MobiSys '06: Proceedings of the 4th international conference**

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (302.26 KB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 18, Downloads (12 Months): 437, Downl

We present a framework for monitoring enterprise wireless networks us...
called DAIR, which is short for *Dense Array of Inexpensive Radios*. We c...
for detecting ...

Keywords: 802.11, denial-of-service, rogue AP, security, wireless netw

16 [A generic solution for warehousing business process data](#)

[Fabio Casati, Malu Castellanos, Umeshwar Dayal, Norman Salazar](#)

September 2007 **VLDB '07: Proceedings of the 33rd international conferenc**

Publisher: VLDB Endowment

Full text available:  [Pdf](#) (302.75 KB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 145, Downl

Improving business processes is critical to any corporation. Process imp...
Process analysis has many unique challenges: i) companies execute ma...
solutions ...

17 [Performance profiling with EndoScope, an acquisitional software mo](#)

[Alvin Cheung, Samuel Madden](#)

August 2008 **Proceedings of the VLDB Endowment**, Volume 1 Issue 1

Publisher: VLDB Endowment

Full text available:  [Pdf](#) (494.76 KB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 70, Downloa

We propose EndoScope, a software monitoring framework that allows u
state and performance of running programs. Unlike most existing monit
that it ...

18 Handling Heterogeneity in Shared-Disk File Systems

Changxun Wu, Randal Burns

November 2003 **SC '03**: Proceedings of the 2003 ACM/IEEE conference on S

Publisher: IEEE Computer Society

Full text available:  Pdf (268.40 KB)

Additional Information: [full citation](#), [ab](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 23, Downloa

We develop and evaluate a system for load management in shared-disk
computers. The system generalizes load balancing and server provisioni
moving file sets among ...

19 Minimizing the communication cost for continuous skyline maintenar

 Zhenjie Zhang, Reynold Cheng, Dimitris Papadias, Anthony K.H. Tung

June 2009 **SIGMOD '09**: Proceedings of the 35th SIGMOD international

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (513.39 KB)

Additional Information: [full citation](#), [ab](#)

Bibliometrics: Downloads (6 Weeks): 22, Downloads (12 Months): 178, Downl

Existing work in the skyline literature focuses on optimizing the process
communication overhead in client-server architectures, where a server i
objects. Our ...

Keywords: communication, continuous query, skyline query

20 The internet AS-level topology: three data sources and one definitive

 Priya Mahadevan, Dmitri Krioukov, Marina Fomenkov, Xenofontas Dimitrop

January 2006 **SIGCOMM Computer Communication Review**, Volume 36 Is

Publisher: ACM

Full text available:  Pdf (340.16 KB)

Additional Information: [full citation](#), [ab](#)

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 134, Downl

We calculate an extensive set of characteristics for Internet AS topologi
frequently used by the research community: traceroutes, BGP, and WH
topologies are similar ...

Keywords: internet topology

Result page:

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